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TCS-80484/65

April 1965

PHOTOGRAPHIC INTERPRETATION REPORT

17022

**OAK - PART I
MISSION 1018-1
26-29 MARCH 1965**

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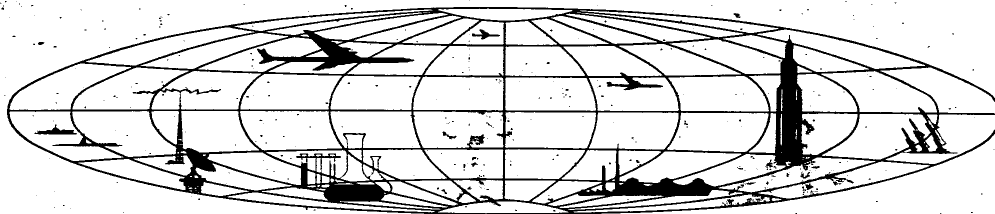
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MISSION 1018-1, 26-29 MAR 65

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OAK - PART I MISSION 1018-1

PREFACE

THIS IS THE FIRST OF SEVERAL OAK REPORTS ON MISSION 1018-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI-DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY)

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

1. ICBM COMPLEXES

COVERAGE OF THE 25 KNOWN DEPLOYED COMPLEXES AND THE TYURATAM MISSILE TEST CENTER (TTMTC) IS AS FOLLOWS --

- A. DROVYANAYA, IMENI GASTELLO, VERKHNYAYA SALDA, YEDROVO, YOSHKAR-OLA AND TTMTC ARE COVERED BY CLEAR PHOTOGRAPHY WITH GROUND SNOW COVER.
- B. GLADKAYA, ODOVYANNAYA, PERM, PLESETSK AND TATISHCHEVO ARE PARTIALLY COVERED. SCATTERED CLOUDS OR END OF FRAME LOCATION OBLITERATE SOME AREAS OF THESE COMPLEXES.
- C. KOZELSK, TYUMEN AND UZHUR ARE IDENTIFICATION ONLY.
- D. THE REMAINING 12 COMPLEXES ARE EITHER CLOUD-COVERED OR NOT COVERED.

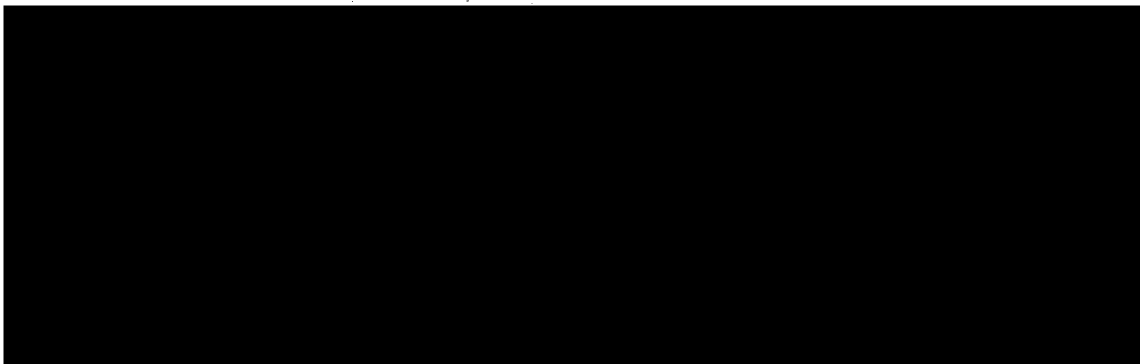
2. KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR [REDACTED] 25X1A

THE ENTIRE CENTER IS COVERED BY GOOD QUALITY STEREOSCOPIC PHOTOGRAPHY. NEW CONSTRUCTION ACTIVITY IS NOTED NORTHEAST OF THE LAUNCH FACILITIES IN THE FORMER ROCKET LAUNCH COMPLEX. EQUIPMENT IS PRESENT IN LAUNCH AREAS 1C, 2C, 3C, 4C, AND 5C, THE SAM R&D LAUNCH AREA, AND THE SA-2 AND SA-3 LAUNCH AREAS.

3. KURUMUCH ROCKET ENGINE TEST FACILITY [REDACTED] 25X1A

ALL 5 TEST STANDS APPEAR COMPLETE AND OPERATIONAL. BLAST MARKS ARE OBSERVED AT THE 2 LARGE STANDS AND AT THE 3 SMALL STANDS.

25X2



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25X1A

6. BULYZHINO SENSITIVE OPERATIONS COMPLEX [REDACTED]

EARTH COVERING OF BUNKER 1 IS NOW COMPLETE. ROOF OF BUNKER 6 IS COMPLETE, BUT BUNKER IS NOT YET EARTH COVERED.

7. RECHITSA SENSITIVE OPERATIONS COMPLEX

FIVE OF THE 6 BUNKERS IN THE OPERATIONS AREA ARE COMPLETED AND EARTH COVERED. SIXTH BUNKER IS NEARLY COMPLETE.

STATUS OF COMOR TARGET READOUT

FORTY-FOUR COMOR TARGETS WERE OBSERVED IN THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

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Missiles

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MISSILES

25X1A

OMSK ICBM COMPLEX

UR 5504N 07331E

RAIL-TO-ROAD TRANSFER POINT AND LAUNCH AREA A (SITE 1)
ARE IDENTIFICATION ONLY.

25X1D

50-NM SEARCH AREA NOT COVERED OR CLOUD COVERED.

IECAVA MRBM LAUNCH SITE 3

UR 5633N 02420E

25X1D

IDENTIFICATION ONLY.

KURUMOCH ROCKET ENGINE TEST FACILITY

UR 5331N 04949E

ALL 5 TEST STANDS APPEAR COMPLETE AND OPERATIONAL.
BLAST MARKS ARE OBSERVED AT THE 2 LARGE STANDS AND AT
THE 3 SMALL STANDS. NO MISSILE TRANSPORTERS, FUEL
TRUCKS, OR OTHER SUPPORT EQUIPMENT OBSERVED.

25X1D

(SEE ATTACHMENT)

25X1A

KRASNOYARSK ROCKET ENGINE TEST FACILITY

UR 5605N 09327E

NO NEW FEATURES OR NEW CONSTRUCTION OBSERVED. THERE IS
NO EVIDENCE OF OPERATIONAL ACTIVITY OR FURTHER
INDICATION OF FUNCTION OF NEW FACILITIES. THE POSSIBLE
SECOND TEST STAND STILL CANNOT BE CONFIRMED. THE
ENTIRE FACILITY IS COVERED BY FAIR-QUALITY STEREO
PHOTOGRAPHY.

25X1D

OMSK RKT ENG TEST FAC GORNAYA BITIYA

UR 5525N 07317E

CONSTRUCTION CONTINUES ON THE SECOND TEST STAND.

NO OPERATIONAL ACTIVITY OBSERVED.

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25X1D

PERM ROCKET ENGINE TEST FACILITY

UR 5801N 05634E

FACILITY 90 PERCENT CLOUD COVERED.

25X1D

NO APPARENT CHANGE IN THE CLOUD-FREE SW PORTION OF THE
FACILITY SINCE MISSION [REDACTED] NO NEW
CONSTRUCTION OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

STERLITAMAK STATIC TEST FACILITY

UR 5341N 05558E

IDENTIFICATION ONLY.

25X1D

KIROV SUSPECT MISSILE AREA

UR 5405N 03415E

THE AREA IS NOT MISSILE ASSOCIATED. ACTIVITY APPEARS
ASSOCIATED WITH THE POSSIBLE RELOCATION OF THE RAIL
LINE. ACTIVITY ENDS IN A SERIES OF LONG, NARROW
EXCAVATIONS. NO SIMILAR CONSTRUCTION OR UNIDENTIFIED
INSTALLATIONS OBSERVED ON CLEAR, SNOW-COVERED
PHOTOGRAPHY IN 25-NM RADIUS.

25X1D

SEVERODVINSK NAVAL BASE AND SHIPYARD 402 UR 6434N 03949E

LAUNCH BASIN APPEARS COMPLETELY DRAINED OF WATER.
VESSELS ALONG SOUTHERN QUAY AREA JUST WEST OF LAUNCH
BASIN INCLUDE 1 POSSIBLE LARGE SS CONTAINING 3 ELEVATED
POSSIBLE CRUISE-MISSILE LAUNCHERS, 3 UNIDENTIFIED
VESSELS IN BERTHING SPACES WHERE SS HAVE PREVIOUSLY
BEEN SIGHTED, 1 PROBABLE SS IN FLOATING DOCK
PERPENDICULAR TO QUAY, AND 1 UNIDENTIFIED SURFACE SHIP
ANGLED OFF FINGER PIER. SEVERAL UNIDENTIFIED VESSELS
ARE LOCATED AT QUAY AREA WEST OF SHIPYARD. TWO
POSSIBLE SS ARE LOCATED IN SAME BERTHING SPACES ALONG
WESTERNMOST QUAY AT YAGRY ISLAND OCCUPIED BY 2 POSSIBLE
N-CLASS SSN ON [REDACTED] ONE PROBABLE
BOLVA-CLASS APL AND 3 UNIDENTIFIED SURFACE COMBATANTS
AT YAGRY ISLAND NAVAL BASE. ONE POSSIBLE SS, 1

25X1D

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POSSIBLE TRANSPORTER DOCK, POSSIBLY OCCUPIED, AND 2 UNIDENTIFIED VESSELS ALONG EASTERNMOST QUAYED AREA AT YAGRY ISLAND. ONE POSSIBLE SS AND SEVERAL UNIDENTIFIED VESSELS ALONG EASTERNMOST QUAYED AREA OF SHIPYARD. EARTHEN COFFERDAM REMAINS IN PLACE AT ENTRANCE TO NEW WET DOCK NEARING COMPLETION. POOR END POINT DEFINITION PRECLUDES FURTHER IDENTIFICATION OF POSSIBLE SS.

NO NEW EVIDENCE OF NUCLEAR SUBMARINE CONSTRUCTION.

25X1D

25X1D

25X1A

GUBA SAYDA SUBMARINE BASE

UR 6915N 03321E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

VESSELS -- 2 LARGE UNIDENTIFIED SS. LOW LIGHT AND POOR CONTRAST IN WATER AREAS PRECLUDE FURTHER IDENTIFICATION.

25X1D

GUBA MOTKA NAVAL BASE

UR 6940N 03210E

NO SUBMARINES, SUBMARINE BASES, OR FACILITIES OBSERVED ON CLOUD-FREE, GOOD-QUALITY PHOTOGRAPHY.

25X1D

TERIBERKA NAVAL BASE

UR 6910N 03508E

25X1D

IDENTIFICATION ONLY.

YOKANGA NAVAL BASE AND SHIP REPAIR YARD

UR 6804N 03932E

LACK OF VESSEL/WATER CONTRAST PRECLUDES INTERPRETATION OF VESSELS AT PIER AREA.

TWO UNIDENTIFIED SURFACE SHIPS DEAD IN THE WATER.

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25X1D

[REDACTED]

25X1A

KALIDJATI SAM TRAINING CENTER

ID 0633S 10740E

23.5 NM NNE OF BANDUNG AND IMMEDIATELY NE OF THE EAST
END OF KALIDJATI AIRFIELD.
SECURED SA-2 OPERATIONAL/TRAINING SAM SITE -- OCCUPANCY
UNDETERMINED DUE TO POOR IMAGE QUALITY AND OBLIQUITY.

APPROXIMATELY 8 LARGE BUILDINGS ARE LOCATED IMMEDIATELY
EAST OF THE LAUNCH AREA. ADJACENT TO THE SW EDGE OF
THE SITE ARE AN UNDETERMINED NUMBER OF POSSIBLE MISSILE
TRANSPORTER SHEDS.

25X1D

THE SA-2 SAM TRAINING SITE IS NOT DISCERNIBLE.

[REDACTED]

KALIDJATI AIRFIELD

ID 0633S 10740E

IDENTIFICATION ONLY.

25X1D

[REDACTED]

25X6

[REDACTED]

**Air
Facilities**

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AIR FACILITIES

25X1A

SIAULIAI AIRFIELD

UR 5553N 02323E

25X1D IDENTIFICATION ONLY.

MINSK/MACHULISHCHE AIRFIELD

25X1D

UR 5347N 02735E

NO APPARENT CHANGE SINCE

RUNWAY CONSTRUCTION PROBABLY COMPLETE. RUNWAY CLEARED OF SNOW.

25X9

AIRCRAFT -- 14 BLINDER, 7 BADGER, 1 PROBABLE SMALL STRAIGHT-WING AT FIELD, AND 1 MEDIUM STRAIGHT-WING IN

25X1D

SPASSK-DALNIY AIRFIELD EAST

25X1D

UR 4437N 13253E

NO APPARENT CHANGE SINCE

RUNWAY CLEARED OF SNOW.

AIRCRAFT -- 15 PROBABLE MEDIUM SWEEP-WING, 2 POSSIBLE MEDIUM SWEEP-WING. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

SREDNIY AIRFIELD

25X1D

UR 7930N 09110E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE

NO NEW CONSTRUCTION APPARENT.

NO AIR DEFENSES OBSERVED.

AIRFIELD COMPLETELY SNOW COVERED, NO OPERATIONAL ACTIVITY VISIBLE.

AIRCRAFT -- 2 MEDIUM STRAIGHT-WING, 3 LIGHT

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25X1D

STRAIGHT-WING, AND 1 SMALL STRAIGHT-WING.

25X1A

NAGURSKOYE AIRFIELD

UR 8047N 04733E

RUNWAY APPEARS SERVICEABLE.

NO NEW CONSTRUCTION OR AIRCRAFT OBSERVED.

25X1D

25X1D

BYKHOV AIRFIELD

UR 5331N 03012E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE

MAIN RUNWAY AND TAXIWAYS CLEARED OF SNOW.

25X1D

AIRCRAFT -- 50 BADGER, 4 PROBABLE BADGER, AND 3
PROBABLE LIGHT STRAIGHT-WING.

25X1D

KALININGRAD/PROVEREN AIRFIELD

UR 5446N 02025E

25X9

NO APPARENT CHANGE SINCE NO NEW
CONSTRUCTION, OR ASM FACILITIES
OBSERVED IN CLOUD-FREE PORTIONS.

AIRCRAFT -- 11 POSSIBLE BLINDERS ON EAST PARKING RAMP,
3 PROBABLE BADGER ON WEST PARKING RAMP. SCATTERED
CLOUDS AND OBLIQUITY PRECLUDE FURTHER COUNT.

25X1D

THE WEST END AND EAST CENTRAL PORTIONS OF THE AIRFIELD
ARE COVERED ON OBLIQUE, POOR-IMAGE-QUALITY PHOTOGRAPHY.

ORSHA AIRFIELD SOUTHWEST

25X1D

UR 5426N 03018E

NO APPARENT CHANGE SINCE

RUNWAY AND TAXIWAYS CLEARED OF SNOW.

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25X1D

AIRCRAFT -- 15 BADGER AND 25 PROBABLE BADGER.

[REDACTED]

25X1A

ANISOVO GORODISHCHE AIRFIELD 25X1D

UR 5414N 03422E

NO APPARENT CHANGE SINCE [REDACTED]

RUNWAY CLEARED OF SNOW.

AIRCRAFT -- 13 BADGER ON SW HARDSTANDS, 11 BADGER ON
DISPERSAL HARDSTANDS EAST OF RUNWAY, 9 BADGER AND 1
LIGHT STRAIGHT-WING ON MAIN PARKING APRON, 1 PROBABLE
BULL EAST OF MAIN PARKING APRON, AND 1 BADGER IN
MAINTENANCE AREA.

25X1D

[REDACTED]

GOMEL/PRIBYTKI AIRFIELD

UR 5218N 03110E

RUNWAY AND TAXIWAY CLEAR OF SNOW.

AIRCRAFT -- 4 PROBABLE BLINDER, 1 BADGER, AND 12 MEDIUM
SWEEP-WING ON MAIN PARKING APRON. ONE POSSIBLE BLINDER
IN MAINTENANCE ACROSS FROM MAIN PARKING APRON. FIVE
PROBABLE BLINDER, 4 POSSIBLE BLINDER, AND 2 PROBABLE
BADGER ON HARDSTANDS ALONG LOOP TAXIWAY. TWELVE BADGER
IN MAINTENANCE AREA.

25X1D

[REDACTED]

BOBRUYSK AIRFIELD

UR 5306N 02912E

AIRCRAFT -- 52 BADGER AND 3 LIGHT STRAIGHT-WING PARKED
ALONG LOOP TAXIWAY AND 3 BADGER PARKED IN MAINTENANCE
AREA.

25X1D

[REDACTED]

OSTROV VRANGELYA/SOMNITELNAYA AIRFIELD

UR 7057N 17936W

PROBABLY OPERATIONAL. RUNWAYS SNOW COVERED.

AIRCRAFT -- NONE OBSERVED.

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25X1D

[REDACTED]

25X1A

25X1D KALININ AIRFIELD

UR 5649N 03545E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

RUNWAY CLEARED OF SNOW.

AIRCRAFT -- 43 BADGER, 1 POSSIBLE BADGER, 2 MEDIUM
STRAIGHT-WING, AND 1 LIGHT STRAIGHT-WING.

25X1D

[REDACTED]

SEMLAK AIRFIELD

ID 0632S 10645E

NO MISSILE SITE OBSERVED.

AIRCRAFT -- 1 POSSIBLE HELICOPTER.

SCATTERED CLOUDS, HAZE, AND POOR QUALITY PRECLUDE A
READOUT OF FACILITIES.

25X1D

[REDACTED]

25X6

[REDACTED]

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25X6

25X1A

PARNU AIRFIELD

UR 5825N 02428E

25X1D

AIRFIELD APPROXIMATELY 50 PERCENT CLOUD COVERED. NO
APPARENT CHANGE SINCE [REDACTED] IN
CLOUD-FREE AREAS. RUNWAY CLEARED OF SNOW.

AIRCRAFT -- AT LEAST 10 SMALL PROBABLE AIRCRAFT.

NO ELECTRONIC OR COMMUNICATIONS FACILITIES OBSERVED IN
CLOUD-FREE AREAS.

25X1D

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Nuclear Energy

25X2

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**Naval
Activity/
Ports**

6

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NAVAL ACTIVITY/PORTS

25X1A

25X1D

PECHENGA NAVAL BASE LINAKHAMARI

UR 6939N 03122E

25X1D

NO APPARENT CHANGE TO FACILITIES SINCE [REDACTED]

25X1D

VESSLS -- [REDACTED] -- UNIDENTIFIED OBJECTS ARE FROZEN IN ICE IN INNER BAY AT LOCATION WHERE MSF HAVE BEEN PREVIOUSLY REPORTED. HAZE AND POOR VESSEL/WATER CONTRAST PRECLUDE MORE DETAILED INTERPRETATION OF VESSELS. [REDACTED] -- 6 POSSIBLE SS AND 2 POSSIBLE MSF. SEVENTEEN POSSIBLE MSF FROZEN IN AT SOUTH END OF BAY.

25X1D

25X1D

KRONSTADT NAVAL BASE AND SHIPYARD

UR 5959N 02947E

ICE IN CENTRAL HARBOR AND SECTIONS OF BAY BROKEN BY ICE BREAKER TRACKS. REMAINING SECTIONS COMPLETELY FROZEN.

VESSLS -- COMMERCIAL HARBOR -- 9 MEDIUM UNIDENTIFIED SS, 3 SMALL UNIDENTIFIED SS, 5 DD AND 2 UNIDENTIFIED OBJECTS. CENTRAL HARBOR -- 2 UNIDENTIFIED SS IN FLOODED GRAVING DOCK, 2 UNIDENTIFIED SS, 2 POSSIBLE SS, 1 CL, 6 DD, 4 UNIDENTIFIED VESSELS, 1 UNIDENTIFIED AUXILIARY, AND NUMEROUS MINOR SURFACE VESSELS. THE 3 OTHER GRAVING DOCKS APPEAR OCCUPIED. THREE FLOATING DRY DOCKS ARE PRESENT BUT OCCUPANCY CANNOT BE DETERMINED.

25X1D

**Biological/
Chemical
Warfare**

25X2

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ELECTRONICS/COMMUNICATIONS

25X1A

ARKHANGELSK HF COMMUNICATIONS FACILITY UR 6418N 04038E

WESTERN 85 PERCENT OF SAMODED SEARCH AREA COVERED BY PHOTOGRAPHY. NO ADDITIONAL COMMUNICATIONS FACILITIES (ANTENNA ARRAYS, HUTS, TOWERS, VANS, OR BUILDINGS WHICH COULD REPRESENT RADIO SHACKS OR INDOOR ANTENNA ARRAYS) OBSERVED.

RHOMBIC HF COMMUNICATIONS FACILITY -- CLOUD COVERED.

FISHBONE HF COMMUNICATIONS FACILITY -- CLOUD COVERED.

25X1D

NARO-FOMINSK SUSP AMM PHASED-ARRAY RADAR UR 5529N 03641E

25X1D

SITE COVERED BY CLOUD-FREE STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGES NOTED AT OPERATIONAL AREAS A AND B, OR SUPPORT AREAS A AND B SINCE

25X1D

VINNITSA SUSPECT SPACE TRACKING FACILITY UR 4913N 02846E

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**Other
Activity**

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OTHER ACTIVITY

25X1A

BULYZHINO SENSITIVE OPERATIONS COMPLEX UR 5615N 02819E

EARTH COVERING OF BUNKER 1 IS NOW COMPLETE. ROOF OF BUNKER 6 IS COMPLETE, BUT BUNKER IS NOT YET EARTH COVERED. MANY UNIDENTIFIED VEHICLES ARE PARKED IN ROWS IN THE MOTOR POOL AREA, 25-30 LONG RAIL CARS ARE ON THE SIDINGS AT THE EAST END OF THE RAIL FACILITY, AND A POSSIBLE STRING OF CARS IS ON A SIDING JUST NORTH OF THE TRANSLOADING BRIDGE CRANE.

25X1D

CHAADAYEVKA SENSITIVE OPERATIONS COMPLEX UR 5307N 04602E

25X1D

NO APPARENT CHANGE SINCE

25X1D

RECHITSA SENSITIVE OPERATIONS COMPLEX UR 5226N 03005E

FIVE OF THE 6 BUNKERS IN THE OPERATIONS AREA ARE COMPLETED AND EARTH COVERED. SIXTH BUNKER IS NEARLY COMPLETE. UNIDENTIFIED ROLLING STOCK STILL PRESENT IN RAIL FACILITY.

25X1D

Attachments

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ATTACHMENT 1



ROCKET ENGINE TEST FACILITY, KURUMOCH, USSR

NPIC J-9993 (4/65)

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Handle Via
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25X2

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